

# FISCAL YEAR 2009 APPROPRIATIONS REQUESTS

## GENERAL QUESTIONNAIRE -- REP. Michael Burgess (TX-26)

Must be completed and submitted NO LATER than COB March 7, 2008

Please submit completed questionnaire to [josh.martin@mail.house.gov](mailto:josh.martin@mail.house.gov)

***PLEASE NOTE: ALL REQUESTS MUST INCLUDE A FORMAL LETTER OF REQUEST ON OFFICIAL LETTERHEAD EXPLAINING THE PROJECT. THIS QUESTIONNAIRE SHOULD ACCOMPANY, NOT REPLACE, A FORMAL LETTER OF REQUEST AND ANY OTHER QUESTIONNAIRE***

### I. PROJECT BACKGROUND & PURPOSE

1. Please provide a formal name for this project:

MTI Scout Radar

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2. Please describe the project and its purpose:

This project addresses the development of advanced sea surveillance radar for Future Naval Capabilities. This project is the development of a lightweight, high performance, affordable moving target indication (MTI) radar for Navy Vertical Take Off Unmanned Air Vehical (VTUAV) aircraft. The U.S. Navy plans to use the VTUAV aircraft as an organic surveillance asset for the new Littoral Combat Ship (LCS),

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3. Please outline the project plan, including the finance plan:

The project plan supplements work being funded by the Office of Naval Research. The new activity adds needed imaging modes to the MTI Scout Radar for threat classification. The plan spans a 1 year period and requires \$4.6M of additional funding.

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### II. BENEFIT TO THE 26<sup>th</sup> DISTRICT AND/OR THE UNITED STATES OF AMERICA

1. Please explain how this project will improve life, the economy or the general welfare of the 26<sup>th</sup> District and/or the country at-large. Please be specific (i.e. outline number of jobs created, savings to economy or taxpayers, improve national security):

This project will improve national security by supporting Office of Navy Research efforts to solve the problem of using Unmanned Air Vehicles to detect, identify, and defeat attack from hostile small fast boats. This MTI Scout Radar will now solve that problem. The problem is that existing radars with comparable performance far outweigh the payload capacity of the Fire Scout helicopter and are much more expensive than the MTI Scout Radar.

This project provides jobs for constituents of the 26<sup>th</sup> District of Texas in the development and production of the MTI Scout Radar.

2. Please explain why this project should be considered a priority:

Recent events off the coast of Iran have exposed the vulnerability of US Navy ships and sailors to surprise attack by swarming small boats. This level of asymmetric attack will only increase as the Littoral Combat Ship (LCS) is deployed for operation in hostile littoral environments utilizing VTUAVs (Fire Scout) for

surveillance. Currently, the Fire Scout utilizes a short range electro-optical sensor for target detection and identification but with future plans for a search radar capability. Operational analysis has indicated the need for additional VTUAV radar capabilities beyond its currently planned target tracking capability. This MTI Scout radar enhancement request addresses short range Navy surveillance and engagement limitations by adding additional capabilities for radar imaging and threat identification.

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### III. REQUEST

1. Amount of money you are requesting:

\$4.6M

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2. Agency from which you are requesting funds:

FY 2009 House Defense Appropriations Bill

3. Account from which you are requesting funds:

R,D,T & E, Navy

Budget Line Title: Power Projection Applied Research

Line: 100

Project Name: MTI Scout Radar

### IV. FUNDING HISTORY

1. What is the total project cost and can you provide a federal-state/local-other funding breakdown?

\$14.1M with \$9.5M currently provided by the Office of Naval Research.

2. Has the project ever received federal funds before? If so, please elaborate.

The Office of Naval Research has provided \$9.5M.

3. Has the project received state, local or private funds before? If so, please elaborate.

N/A

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4. Can you demonstrate a commitment for future funds from state, local, or private sectors? If so, please elaborate to the extent possible.

N/A

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5. How do you intend to spend federal funds for this project (operating, construction, studies, equipment purchase, salaries, other)?

The funding will be used for labor, material, and subcontracts.

6. Does the project request stem from a currently-funded federal program (i.e., an already existing congressional authorization)? If so, please explain and be as specific as possible.

Budget Line Title: Power Projection Applied Research; Line: 100; Project Name: MTI Scout Radar

## V. PROJECT HISTORY

1. Please briefly explain the level of support for the project in the local and any other community (if letters of support exist, please attach to this form).

Local community leaders support the project because it provides quality jobs for the people of the community, supports the warfighter, and supports the type of business desired in the community.

2. Has the project encountered any objections within the local or other interested communities? If so, please describe (if letters or official records exist noting objections to the project, please attach to this form).

No

3. Please briefly explain the current stage and expected timeline of the project in a great a detail as possible.

- Radar hardware complete 1Q09
  - Hardware/Software integration complete 2Q09
  - Flight Test complete 4Q09
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## VI. CONTACTS

1. Who is the primary point of contact for the request?

Mr. Kent Lowder

2. Contact information (telephone and e-mail):

972-396-4446

lowder@mustangtechnology.com

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3. Mailing address of entity that would receive the funding?

Mustang Technology Group  
400 W. Bethany Drive, Suite 110  
Allen, Texas 75013-3714

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## VII. TRANSPORTATION PROJECTS

1. How much of this request can be spent in fiscal year 2009?

N/A

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2. If this is a highway, transit, rail, or aviation request, did you check eligibility with the state DOT, FTA, FRA, or FAA?

N/A

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2a. If yes, did the agency indicate the project is eligible under the account requested?

N/A  

3. If this is an FHWA request, is the project considered by the state and/or regional transportation officials as critical to their needs?

  N/A  

4. If a highway request, is the project on the state's transportation improvement plan?

  N/A  

**PRIORITY PROJECT REQUEST CRITERIA**

CERTIFICATION:

I, R. Kent Lowder, ATTEST THAT THIS PROJECT REQUEST MADE ON BEHALF OF

Mustang Technology Group, L.P. MEETS THE FOLLOWING CRITERIA:

1. All appropriations requests must be a priority for the 26<sup>th</sup> District and/or the country-at large as defined as enhancing life, liberty, or the general welfare.
2. All requests must be a proper and wise use of federal taxpayer dollars and must be justified as such. Projects that include a commitment to match federal funds will receive priority consideration.
3. All requests will be immediately posted on the website and supporting documentation made available to press outlets and interested individuals.
4. None of the funding requested will be used for a building, program, or project that has been named for Congressman Michael C. Burgess, M.D. No request will be made that Congressman Burgess or his spouse has any financial interest.
5. All requests shall be made in accordance with House of Representatives rules, and within Appropriations Committee deadlines. No funding request will be submitted after the deadline established by the Committee

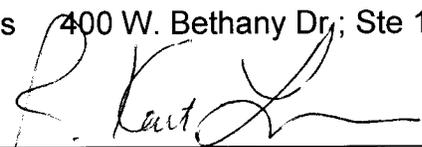
Name of person certifying R. Kent Lowder

Title of person certifying: President, by Mustang Technology Group Mgt., Inc.

Project name as it will appear in the bill: MTI Scout Radar

Legal name of entity making request: Mustang Technology Group, L.P.

Address 400 W. Bethany Dr.; Ste 110; Allen, Texas 75013



*Mar 5, 2008*

Signature

Date